

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DOCKET NO. 63469

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Inventor(s): Douglas W. Carr and Lawrence P. Head

Patent Application No.: 10/007,604

Examiner:

Filing Date: November 7, 2001

Group Art Unit:

Title: BULLET FOR OPTIMAL PENETRATION AND EXPANSION

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AFFIDAVIT OF STEVEN R. MOORE

STATE OF IDAHO

I, Steven R. Moore, being first duly sworn under oath, hereby depose and say as follows:

1. I reside at 3404 17th Street, Lewiston, Idaho 83501, am 46 years of age, and am currently employed by CCI/Speer, 2299 Snake River Avenue, located at Post Office Box 851, Lewiston, Idaho 83501
2. I have been employed by my above employer continuously throughout the past sixteen (16) years as an engineer engaged in the manufacture of bullets and ammunition. The first ten (10) years I was employed as a manufacturing engineer, and the last six (6) years I have been employed as a product development engineer, primarily in the manufacture of bullets.
3. I am a graduate engineer, educated at University of Idaho, and have a B.S. in Mechanical Engineering degree.
4. I have been asked by Mr. Everett J. Schroeder, as a man skilled in the art of bullet making, to

**EXHIBIT 1**

carefully read U.S. Patent Application Serial No. 10/007,604, which was filed November 7, 2001 by Douglas W. Carr and Lawrence P. Head, and is entitled "Bullet for Optimal Expansion and Penetration". I understand that there is a legal requirement under the U.S. Patent laws which requires that the specification of a patent application be written carefully in such clear and exact terms as to enable the average man skilled in the art to which the alleged invention pertains, or with which it is most nearly connected, to make and use the same.

5. I have carefully read the specification and examined the drawings of a copy of the above patent application. I understand that the U.S. Patent Office has stated that the specification of the above application fails to disclose how the segments of the metal core can be created, and that therefore the applicants of the above application are not entitled to receive a U.S. patent thereon.

6. I also understand that Mr. Schroeder is of the opinion that the specification and drawings of the above patent application are sufficiently clear so that any man skilled in the applicable art will readily understand, upon reading the above application for patent, that the segments comprising the forward end of the metal core thereof can be made and used by utilizing the well-known punch and die procedures. These procedures are well-known in the art commonly utilized throughout the industry of bullet making, by men considered to be skilled in the art.

7. The core segments are described in page 6 of the specification and are shown in Figs. 4 and 7 to be wedge-shaped in cross section and initially spaced from each other. As described in the specification, these wedge-shaped core segments are swaged into conforming direct contact with each other, so that they retain some of their conforming exterior surfaces. As a consequence, they separate along their conforming exterior surfaces when the bullet expands.

8. I have had a limited experience with patent matters in that I was an inventor of U.S. Patent No. 5,079,814.

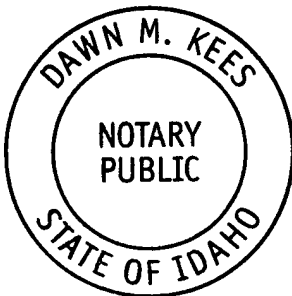
9. In my opinion, any man skilled in the art of making lead core bullets will be able to readily determine how to make and use the bullet shown and described in the above patent application. I found that I quickly and easily understood the construction of the lead core segments and visualized the shape of the punch and die and the required procedures which would be required to make and use such lead core segments.

10. I have read and understand the above patent application in regards to the manufacture of the subject bullet. The drawings and wording in the application clearly explain to me how the invention is manufactured and its intended function.

FURTHER AFFIANT SAYETH NOT.

Steven R. Moore  
Steven R. Moore

Subscribed and sworn to before me, a Notary Public, this 10<sup>th</sup> day of June, 2003.



Dawn M. Kees  
Notary Public

My Commission expires August 8, 2003